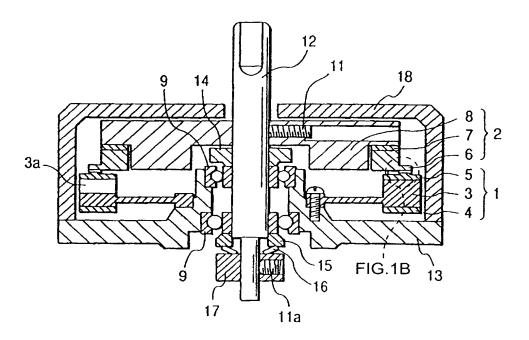
FIG.1A



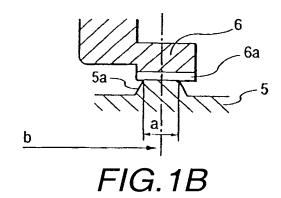


FIG. 2

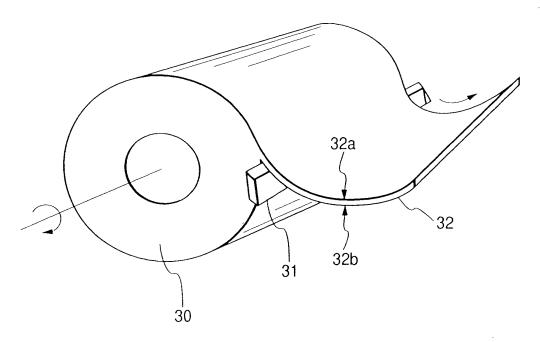


FIG. 3A

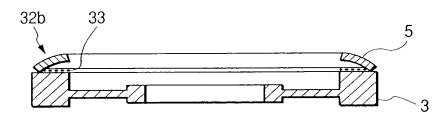


FIG. 3B

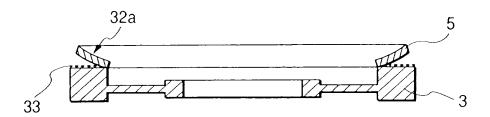


FIG. 4

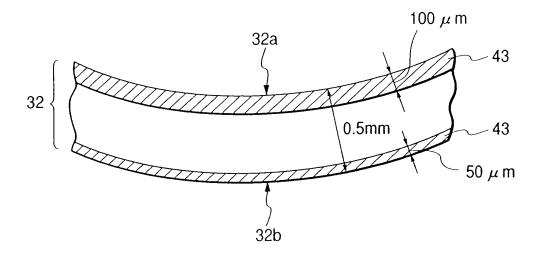


FIG. 6

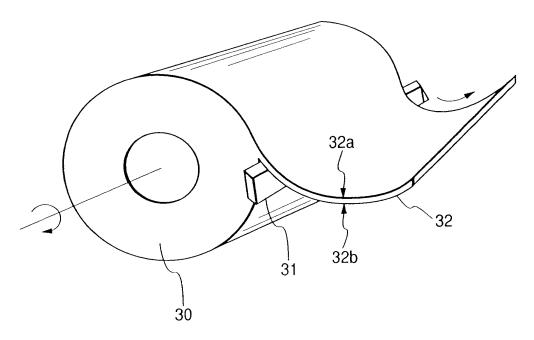


FIG. 5

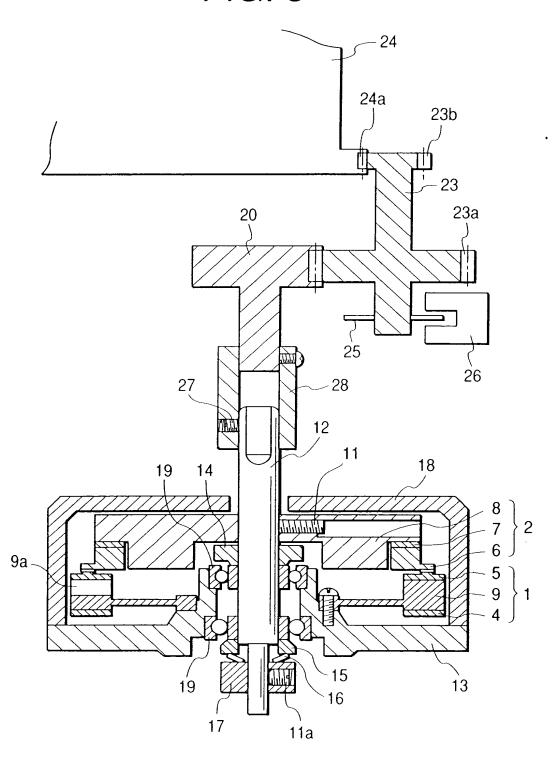


FIG. 7A

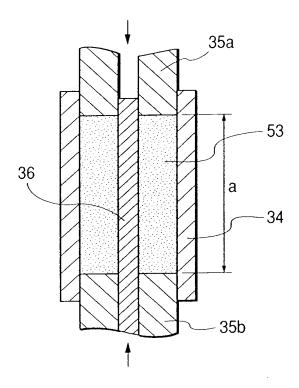


FIG. 7B

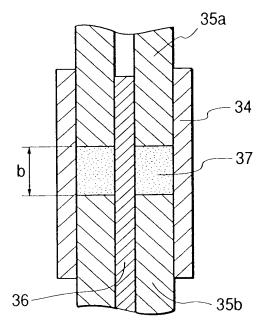


FIG. 8A

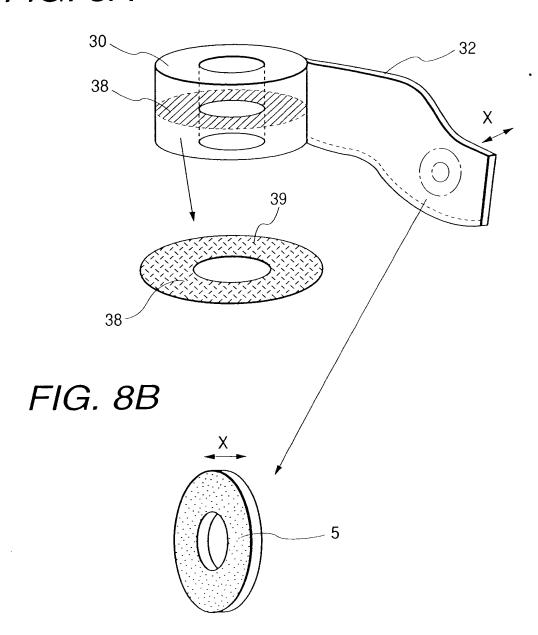
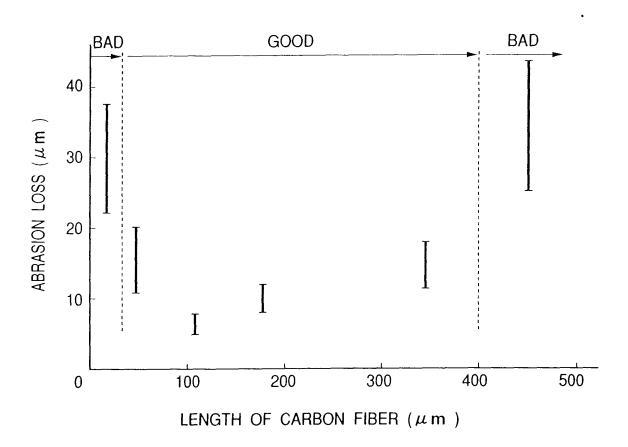
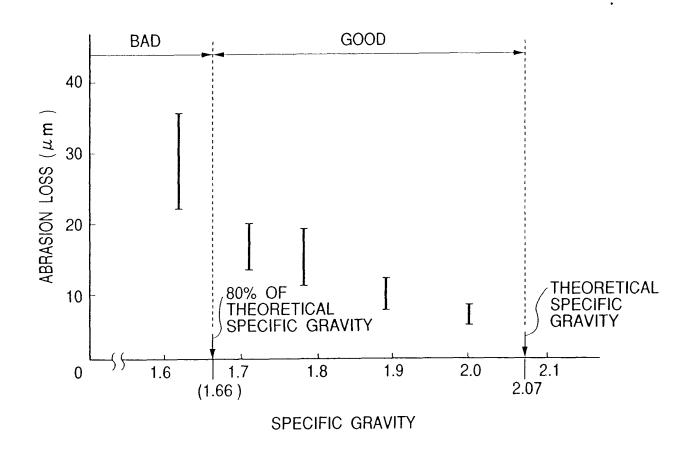


FIG. 9



RELATION BETWEEN LENGTH OF CARBON FIBER AND ABRASION LOSS

FIG. 10



RELATION BETWEEN SPECIFIC GRAVITY AND ABRASION LOSS